Planar DC/DC Transformer

E/E (Plate) 58

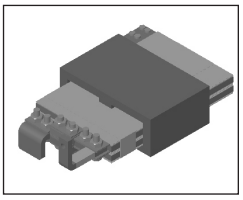
Power Capacity 400 to 1300W

Core size (LxHxW) : 58x11x38 Unit : mm

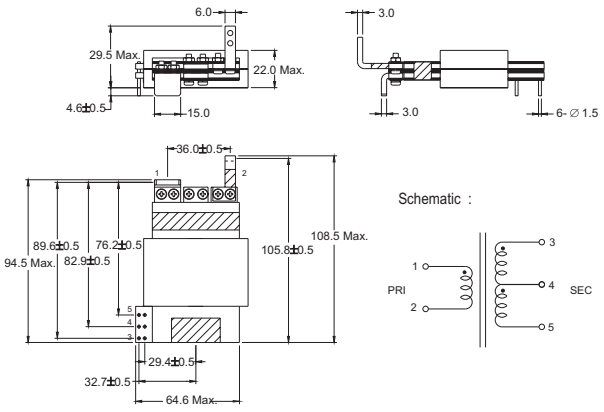
Frequency Range : 100K~500KHz

Features

■ The planar transformer is suitable for forward DC/DC converters with resonance reset.



Mechanical Dimension:
Unit: mm



Electrical Characteristics:

TRANSFORMER									
PART NO.	INDUCTANCE L (1-2)	OPERATING FREQUENCY	TURN RATIO		AC RIPPLE AS % OF DC CURRENT	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT
			(3-4) TO (1-2)	(4-5) TO (1-2)		PRI TO SEC	WDGS TO CORE		
PLT5837-001	23uH Min.	350KHz	5 : 2	5 : 2	10%	500Vdc	500Vdc	+10°C to +70°C	330.0gr

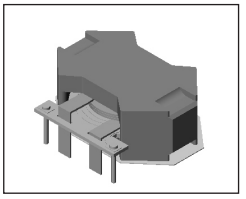
RM8

Power Capacity 70 to 130W

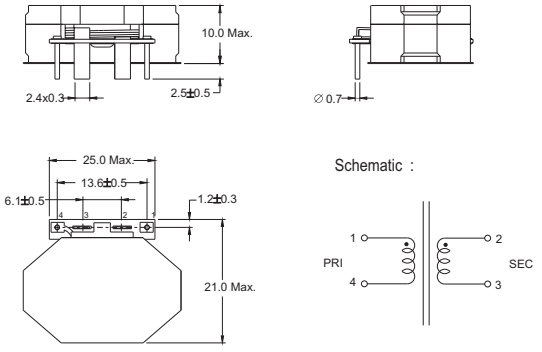
Frequency Range : 10K~300KHz

Features

■ The planar transformer is suitable for forward DC/DC converter's output inductor and used on VRM.



Mechanical Dimension:
Unit: mm



Electrical Characteristics:

INDUCTOR								
PART NO.	INDUCTANCE L (2-3)	OPERATING FREQUENCY	TURN RATIO (1-4) TO (2-3)	DUTY CYCLE	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT	CURRENT UP TO
					PRI TO SEC	WDGS TO CORE			
PLI2214-001	3.2uH10%	250KHz	8 : 4	0.5 Max.	500Vdc	250Vdc	+10°C to +50°C	8.9gr	14A

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http://www.deltaww.com

Planar DC/DC Transformer

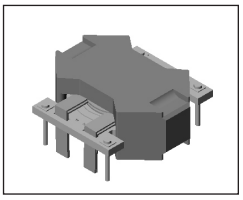
RM8

Power Capacity70 to130W

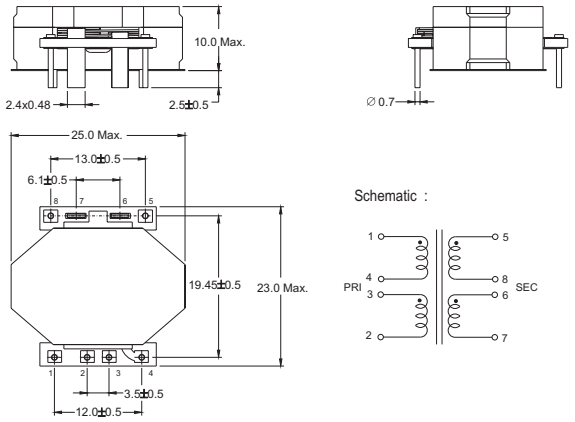
Frequency Range : 10K~300KHz

Features

■ The planar transformer is suitable for forward DC/DC converter's transformer and used on VRM.



Mechanical Dimension:
Unit: mm

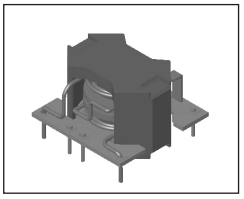


Electrical Characteristics:

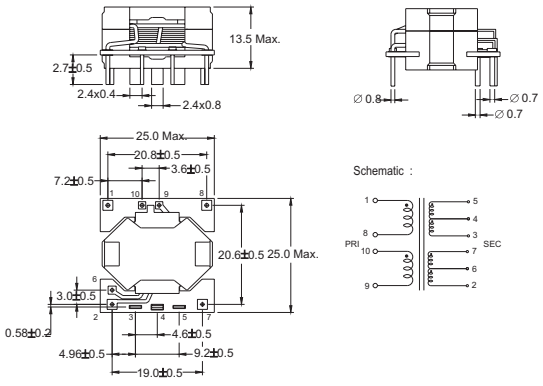
TRANSFORMER								
PART NO.	INDUCTANCE L (1-4)	OPERATING FREQUENCY	TURN RATIO (1-4) TO (5-8)	DUTY CYCLE	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT
					PRI TO SEC	WDGS TO CORE		
PLT2214-001	110uH Min.	250KHz	6 : 1	0.5 Max.	500Vdc	250Vdc	-10°C to +55°C	10.3gr

Features

■ The planar transformer is suitable for push pull converter's output X'FMR and it has a winding for auxiliary feed to input side.



Mechanical Dimension:
Unit: mm



Electrical Characteristics:

TRANSFORMER									
PART NO.	INDUCTANCE L (1-8)	OPERATING FREQUENCY	TURN RATIO		DUTY CYCLE	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT
			(1-8) TO (5-3)	(1-8) TO (7-2)		PRI TO SEC	WDGS TO CORE		
PLT2214-002	94.5uH Min.	70KHz	1 : 1	1 : 1	0.5 Max.	500Vdc	250Vdc	-10°C to +55°C	14.3gr

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